

ANTONESCU, C.; RUDASCU, I.

Additions to the knowledge and evaluation of floating reed islets in the  
Danube Delta (Jacob-Puiulets-lumina region). p. 141.  
(Ocotirea "atural, No. 2, 1956, Bucuresti, Romania)

SO: Monthly List of East European Accessions (EMAL) Lc, Vol. 6, No. 8, Aug 1957. Uncl.

Antonescu, C.; Rudescu, L.

Hydrobiological characteristics of the waters of the Danube River delta.  
p. 291.

HIDROBIOLOGIA. (Academia Republicii Populare Romine. Comisie de Hidrologie,  
hidrobiologie si ihtiologie) Bucuresti, Romania. Vol. 1, 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

CATEGORY : Paras Animals.  
The Honeybee.  
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 12125  
AUTHOR : Antonescu, G.  
TITLE : The Development of Apiculture for the 10 Years of the People's Democracy.  
ORIG. PUB. : Apiculture, 1957, No 12, 1-5  
ABSTRACT : In 1948 there were 472, 212 bee colonies in Romania, 25 percent of which were kept in un-organized beehives; a larger number of frame beehives was small in volume. There were 0.34 of a bee colony per one dwelling. In the same year of 1948 more than 95,000 bee colonies were counted on government and cooperative farms. In 1957 the Central Scientific Research Station of Sericulture and Apiculture was organized. An apicultural periodical "Apiculture", is published.

Card: 1/1

BERONIADE, V.; ARESTRANU, L.; ANTONESCU, G.

lung tumors associated with hypertrophic pulmonary osteoarthropathy and gynecomastia. Med. int., Bucur. 10 no.1:137-146 Jan 58.

(LUNG NEOPLASMS, complications

hypertrophic pulm. osteoarthropathy & gynecomastia)

(OSTEOARTHROPATHY, HYPERTROPHIC PULMONARY, complications

lung tumors & gynecomastia)

(GYNECOMASTIA, complications

hypertrophic pulm. osteoarthropathy & lung tumors)

VAISLER, L.; ANTONESCU, Claudia; COSTINER, Emma; ANTONESCU, N.

Influence of vitamin B 12 on the biosynthesis of thyroid hormones.  
Stud. cercet. endocr. 13 no.2:211-215 '62.  
(THYROID GLAND hormones) (VITAMIN B 12 pharmacology)

MUSCAN, R., ing.; ANTONESCU, G., ing.

Forging defects in big axes. Metalurgia constr mas 15 no.8:  
496-498 Ag '63.

ANTONESCU, C.S., prof.

Biological concerns for the present water economy. Meteorologia  
hidrol gosp 7 no.4:279-281 '62.

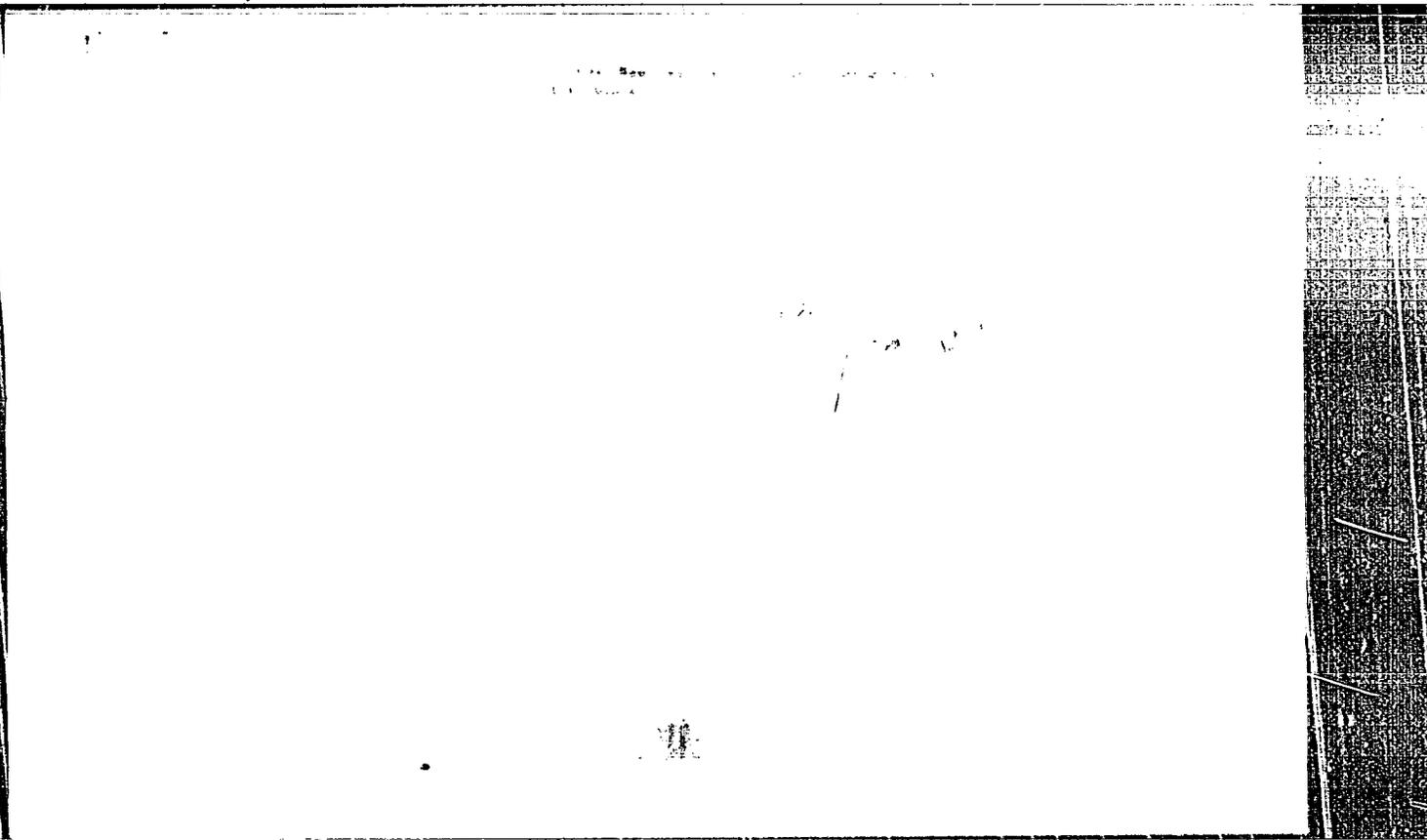
ANTONESCU, C.S., prof. univ. dr.

From the history of the evolution theory. St si Teh Buc 14 no.6:  
38-39 Jo '62.

ANTON SCU, Pm.; BALS, St.; GEORGESCU, F.; GEORGESCU, V.; MANTEA,  
Gh.; MIHAILESCU, N.; PANIN, E.; TOMESCU, C.

Sedimentologic data on the Senonian-Danian deposits in  
the Vintu de Jos Geoagiu region. Studii cerc geol 8  
no. 2: 215-234. '63.

1. Comunicare prezentata de academician G. Murganu.



ANTONIU, E.

New, rapid and precise method for separation and gravimetric analysis of cadmium in the presence of iron and aluminum. p. 865.  
ACADEMIA REPUBLICII POPULARE ROMANE. Rumania.  
Vol. 5, no. 5, May 1955.

SOURCE: EEAL LC Vol. 5, No. 11, August 1956.

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4

New gravimetric method for silver analysis. (S. Spacu and H. Antonescu (Fac. Chem., Bucharest, Romania). *Analele Stiint. Univ. Cluj Napoca, Ser. Stiint. Mat.* No. 11, 105-11 (1966) (in Romanian) (Russian and French summaries).—The detn. is based on the formation of a new complex compd.  $(Ag)_2[Cr_2(OH)_4]_2$  obtained by treating a Ag salt with KI and  $[Cr_2(OH)_4]_2$ . This new compd. has a mol. wt. of 1901.20, contains 11.25% Ag, and the ppt. becomes cryst. in a few min. For known quantities of Ag varying between 4.9 mg. and 32.7 mg., the analysis error in all cases investigated is smaller than 0.3 mg.

Mireea Petino



Distr: LE2c

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4  
1

Gravimetric method for copper analysis. P. Suceu and  
El. Antonescu (Rac. Chem., Bucharest, Romania). *Analele  
chim. Univ. P. Poni*, Bucharest, Ser. chim. nat. No. 11,  
131-3 (1956) (Russian and French summaries).—The detn. is  
based on the formation of a new complex compd. [Cu Pip-  
(SCN)] obtained from an aq. soln. of Cu sulfate (blue  
vitriol) with a reagent made of 0.1 g. piperazine in 40 cc.  
of 1% soln. of ammonium thiocyanate. For known quanti-  
ties of Cu varying between 11.7 and 38.7 mg., the captl.  
error in all cases was less than 0.10 mg. The presence of  
NH<sub>4</sub><sup>+</sup>, K<sup>+</sup>, Na<sup>+</sup>, Co<sup>++</sup>, and Ni<sup>++</sup> had no influence on Cu  
analysis, but with Zn, Cd, Fe, and Al ions the results were  
not satisfactory. Mircea Potino

CB

ANTONESCU, E. I.

RUMANIA/Analytical Chemistry - Analysis of Inorganic Substances. E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24807

Author : Pirtea, I., Antonescu, E. I.

Inst : -

Title : New Method of Gravimetric Determination of Cobalt in the Presence of Nickel and Other Elements.

Orig Pub : Rev. chim., 1957, 8, No 9, 591-594

Abstract :  $\text{Co}^{2+}$  is determined in the form of the complex compound  $[\text{Co}(\text{NH}_3)_6][\text{Co}(\text{NO}_2)_6]$ . To 3-12 ml of neutral or acid solution being analyzed, containing 0.0084-0.0336 g  $\text{Co}^{2+}$ , are added 0.5 g  $\text{NaNO}_2$  and 0.3-0.4 ml concentrated  $\text{Cl}_2\text{COOH}$ . As a result  $\text{Co}^{2+}$  is oxidized to  $\text{Co}^{3+}$ . On further addition of an excess of  $\text{NaNO}_2$  (0.7 g)  $\text{Na}_3[\text{Co}(\text{NO}_2)_6]$  is formed in the solution, with a concurrent evolution of oxides of N, which are removed by a vigorous agitation of the solution. After evolution of gas has ceased, there is added, dropwise and with constant stirring, a saturated solution of

Card 1/2

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Antonovski E.

RUSSIAN / Analytical Chemistry. Analysis of Inorganic  
Substances.

E

Obs Jour: Ref Zhur-Khin., No 9, 1959, 31023.

Author : Pirtva, T.I., Antonovski E., Dukshan, P

Insc :

Title : A New Method of Determining Cobalt by Weighing in the  
Presence of Nickel and Other Elements.

Orig Pub: Rev. chin (Roum.), 1958, 3, No 1, 132-145.

Abstract: No abstract. See Ref Zhur-Khin., 1958, 24007,  
60622.

Card : 1/1

ANTONESCU, E.; PICTEA, D.

Determining the arsenic in certain insecticides. p. 445.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE CHIMIE. Bucuresti, Rumania. Vol. 6, no. 3, 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 7 July 1959.

Uncl.

ANTONESCU, E.; GHEORGHIU, C.; SPAGU, P.

On the quantitative determination of Largactil. p. 573.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE CHEMIE. Bucuresti, Romania. Vol. 6, no. 7, 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

SPACU, P.; ANTONESCU, E.; GHEORGHIU, C.

On the determination of largactil. Rev chimie 4 no.2:243-252 '59.  
(EBAI 9:7)

(Chlorodimethylaminopropylthiazine)  
(Complex compounds)

SPACU, P.; ANTONESCU, B.

A study on the determination of Phenergan. Rev chimie 5 no.2:243-250  
'60. (EEAI 10:4)

1. Centre of Chemical Researches of the Academy of the R.P.R.,  
Bucharest.  
(Dimethylaminoisopropylphenothiazine)

SPACU, P.; ANTONESCU, Elena

Studies on the determination of synopen. Studii cerc chim 8 no.1:  
73-83 '60. (EBAI 9:8)

1. Centrul de cercetari chimice al Academiei R.P.R., Bucuresti.
  2. Comitetul de redactie, Studii si cercetari de chimie (for Spacu).
- (Synopen)

SPACU, P.; ANTONESCU, Elena

Method for the microgravimetric determination of flaxedil. Studii  
cerc chim 8 no.1:179-180 '60. (EEAI 9:8)

1. Centrul de cercetari chimice al Academiei R.P.R., Bucuresti.  
(Phenyltrisozetylenetristriethylammonium iodide)

SPACU, P.; ANTONESCU, Elena; MAVRODIN, Maria; SERBAN, Silvia

Separation of yttrium from lanthanum and cerium. Note I. Studii cer  
chim 10 no.1:91-95 '62.

1. Centrul de cercetari chimice, Sectia de chimie anorganica,  
Ducuresti. 2. Membru al Comitetului de redactie "Studii si cercetari  
de chimie" (for Spacu).

SPACU, P.; ANTONESCU, Elena; MAVRODIN, Maria; SERBAN, Silvia

Studies on some yttrium, lanthanum, and cerium compounds with various organic acids. Studii cerc chimie 10 no.2:163-209 '62.

1. Laboratorul de chimie anorganica, Centrul de cercetari chimice al Academiei R.P.R., Bucuresti. 2. Membru al Comitetului de redactie, "Studii si cercetari de chimie" (for Spacu).

SPACU, P.; MAVRODIN, Maria; ANTONESCU, Elena; SERBAN, Silvia

Contributions to the separation of yttrium from lanthanum and cerium.  
Pt. 2. Studii cerc chim 10 no.3/4:357-362 '62.

1. Central de cercetari chimice al Academiei R.P.R., Sectia chimie  
anorganica, Bucuresti.

SPACU, P.; SERBAN, Silvia; MAVRODIN, Maria; ANTONESCU, Elena

Method for gravimetric determination of yttrium. Studii cerc chim 10  
no.3/4:363-366 '62.

1. Centrul de cercetari chimice al Academiei R.P.R., Laboratorul  
de chimie anorganica, Bucuresti.

ROMANIA

ANTONESCU, El., Prof, Tr. Severin [affiliation not given]

"Aspects from the Activity with Students in Laboratory and in the Nature Corner VII."

Bucharest, Natura. Seria Biologie, Vol 15, No 4, Jul-Aug 63, pp 56-59.

Abstract: A review article on the various techniques used in different classes for the practical teaching of various botanical, zoological and physiological topics. Emphasis is on the teaching of the nature of seeds and germination, the classification of vertebrates in evolutionary order, and the importance of blood and the circulation system.

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ANTONISCU, Emanoil

On the presence of Tortonian, north of the village of Archis (Zarand Basin). *Dari seama* sed 49 pt. 2:157-162 '61-'62 [publ. '64].

1. Submitted April 27, 1962.

ANTONESCU, Eugen, ing.; DIMA, Marian; IONESCU, Ion V., sef de brigada

The 1963 step. Constr Buc 15 no.729:3 28 D'63.

1. Sef de proiect la Institutul de proiectari de uzine si instalatii metalurgice (for Antonescu). 2. Seful atelierului de instalatii de la santierul Drumul Taberei, al I.C.L.B. (for Dima).

ANTONESCU, El., prof. (Tr. Severin)

Aspects of the activity with pupils in the laboratory and in the field. Natura Biologie 15 no.4:56-59 J1-Ag '63.

SPACU, P.; ANTONESCU, Elena; MAVRODIN, Maria; SERBAN, ~~SECRET~~

Contributions to the separation of yttrium from lanthanum and cerium. Rev chimie 8 no.1:95-114 '63.

1. Institute of Chemistry of the Academy of the R.P.R., Bucharest.
2. Corresponding Member of the Academy of the R.P.R. (for Spacu).

SPACU, P.; MAVRODIN, Maria; SERBAN, Silvia; ANTONESCU, Elena

Gravimetric determination of rare earth by mucic acid. Studii cerc chim 11 no.2:247-250 '63.

A method of separating yttrium from uranium. 251-254

1. Sectia de chimie anorganica a Centrului de cercetari chimice al Academiei R.P.R., Bucuresti. 2. Membru Corespondent al Academiei R.P.R. (for Spacu).

ANTONESCU, Eleana, prof. (Turnu Severin)

Aspects of the pupil activity at the Living Nature Corner.  
Natura Geografie 12 no. 6:136-137 N-D '60.

BUDESINSKY, B.; ANTONESCU, E.

Spectrophotometric examination of the reaction of lanthanum (III) with methylthymol Blue. Coll Cz Chem 28 no. 12:3264-3270 D '63.

1. Institut fur Kernforschung, Tschechoslowakische Akademie der Wissenschaften, Rez bei Prag (for Budesinsky).
2. Centrul de Cercetari Chimie, Academia R.P.R., Bucuresti, Rumanien (for Antonescu).

SPAGU, P.; ANTONESCU, Elena, PIOSTINARIU, Silvia.

Compounds of lanthanum and cerium with PAR (4-(2-Pyridylazo)-resorcinol). Rev chimie Roum. 9 no.2:121-126 F 1964

1. Research Institute of Inorganic Chemistry, Romanian Academy, Bucharest, Splaiul Independentei 89.

SPACU, P.; PLOSTINARU, Silvia; ANTONIUSCU, Elena

On some europium and holmium compounds. Rev chimie Roum 9  
no. 6/7:405-410 Je-Jl '64

1. Section of Lanthanide Chemistry of the Inorganic Chemistry  
Research Center, Rumanian Academy, 89 Splaiul Independentei,  
Bucharest.

SPAGU, P.; PLOSTINARU, Silvia; ANTONESCU, Elena

Studies on some europium and holmium compounds. Studii cerc  
chim 13 no.6/7:413-417 Fe-Jl '64.

1. Section of Lanthanide Chemistry of the Inorganic Chemistry  
Research Center, Rumanian Academy, 89 Splaiul Independentei,  
Bucharest.

POPEA, Florica; MAVRODIN, Maria; ANTONESCU, Elena; PLACINTARU, Silvia

Physicochemical study of the uranyl-mucic acid nitrogenous system. Studii cerc chim 14 no.1:35-38 Ja '65.

1. Section of Lanthanum and Actinide Chemistry of the Inorganic Chemistry Research Center, Rumanian Academy, 89 Splaiul Independentei, Bucharest. Submitted July 15, 1964.

ANTONESCU, G.

Communications achieved by radio-telegraphy. p. 7. TEHNICA NOUA.  
(Asociatia Stiintifica a Inginerilor si Tehnicienilor) Pucuresti.  
Vol. 3, No. 30, Jan. 1956

So. East European Accessions List Vol. 5, No. 9 September, 1956

BOGDAN, R.C., conferentiar; PELECUDI, Chr.; CAIMACIUC, L.; ANTONESCU, Gr.

Studies on the speed in plane mechanisms, based on the mecano-electronic principles. Studii cerc mec apl 13 no.4:971-987 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari de mecanica aplicata", si Conferentiar la Institutul de petrol, gaze si geologie, Bucuresti (for Bogdan).

ANTONESCU, HADRIAN

CA

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Study on the oxidizability of coals with special reference to anode carbons. I. Elemér Papp, Hadrian Antonescu, Maria Gy. Hoss (MAGYAR ALUMINIUM-ERŐTÁRSULAT, Budapest, Hungary). ALUMINIUM 3, 1957(10):177. Coke residues obtained by  $\text{CaH}_2$  extn. of raw anode masses were screened, and material of grain size 1.5-0.06 mm. and below was used for tests. One g. of such coke was treated with 15 ml. 40%  $\text{CrO}_3$  30 mins. on the water bath, then 300 ml. cool distd. water was added. The soln. was filtered, the filtrate diltd. to 500 ml., and an aliquot portion titrated iodometrically. The oxidation diagrams obtained by this method showed that coke of finer grain size was more oxidizable than was coarse coke. The oxidation process seemed to take place quickly in the 1st phase, but after 5-10 min. the oxidation rate was very slow. The fraction below 0.06 mm. obtained directly by sieving the residue after extg. with  $\text{CaH}_2$  consumed 1.5 times as much  $\text{CrO}_3$  as did coke of similar fineness obtained by comminution of the fraction of 1.5-mm. grain size. This leads to the conclusion that the rate of oxidation depends to a high degree on the amt. of bonding material adhering to the surface of coke grains, which is not sol. in  $\text{CaH}_2$ . Comparative tests with raw and ignited petroleum coke proved that the latter consumed

much less  $\text{CrO}_3$ . Ignition at higher temps. decreased the consumption even more. 48 references. II. Elemér Papp, Alfréd Romwalter, and Hadrian Antonescu. Ibid. 28:32. A new method was elaborated, the principle of which is the measurement of the amt. of  $\text{CO}_2$  as a function of time, as the basis of oxidizability. The coal or C sample is treated with  $\text{H}_2\text{SO}_4$  contg. chromic acid in a special app. at 100°. The  $\text{CO}_2$  formed is removed by a stream of N at a velocity of 6 l./hr. and absorbed by 2%  $\text{Ba}(\text{OH})_2$ . The amt. of  $\text{CO}_2$  can be detd. easily by measuring the elec. cond. of the  $\text{Ba}(\text{OH})_2$  soln. Investigation of various anodic masses by this app. proved that the oxidizability has an approx. linear relation to surface. The degree of oxidizability of the same coal or C varies according to the heat treatment. When subjected to heat treatment the oxidizability of petroleum coke heated to temps. up to 800° decreased and then again increased when the heating temp. was above 800°. Anthracite heated to 1300° was more readily oxidized than anthracite heated to 1000° but with more difficulty than the raw anthracite. When samples of different origin were compared, Acheon graphite was most readily oxidized and anthracite least readily. István Földy

ANTONESCU, I.

Rail welding by electric contact and pressure. p. 463.

REVISTA CAILOR FERATE. (Cailor Ferate Romine) Bucuresti, Rumania.  
Vol. 7, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

RUMANIA/Analytical Chemistry - Analysis of Inorganic Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24879

Author : Burlecu, Gh., Dot Olimpia, Antonescu Ioan

Inst : Rumanian Academy

Title : Polarographic Determination of Copper, Lead, Cadmium and Zinc in Lead Concentrates.

Orig Pub : Studii si cercetari stiint. Acad. RPR Fil Iasi, Chim, 1956, 7, No 1, 17-23

Abstract : Cu, Pb, Cd and Zn, at concentrations of 1/1500 - 1/50 N, are determined polarographically with a background of  $\text{NaNO}_2$  (0.5-5 g-mole/liter) by the method of additions. Determination is effected separately for each element or concurrently if the difference between concentrations of individual elements is not too great. Concentration of

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RUMANIA/Analytical Chemistry - Analysis of Inorganic  
Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24879

is added thereto, and water to bring the volume to 20-  
25 ml. O is removed with a current of H . Determina-  
tion error does not exceed 1%.

Card 3/3

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ATTACHED.

Practical collection of electrodiffraction of the apifera ...

. 200 (Hidrotehnica. Vol. 2, n. 1, Sept./Oct. 1957. Bucarest, Romania)

Monthly index of East European Occasions (1951) 10. Vol. 7, n. 1,  
February 1958

ANTONESCU, I.

TECHNOLOGY

Periodicals: HIDROTEHNICA. Vol. 3, no. 6, July 1958

ANTONESCU, I. Use of radionuclides in determining soil moisture. p. 271

Monthly List of East European Accessions (MEA) IC, Vol. 8, No. 2,  
February 1959, Unclass.

ANTONISCH, I.

TECHNOLOGY

Periodicals: HEMISFERICA. Vol. 3, no. 4, Aug. 1958

ANTONISCH, I. Determining the volumetric weight of soils by means of radioisotopes. p. 311

Monthly List of East European Accessions (MEEA) IG, Vol. 8, No. 2,  
February 1959, Unclass.

BALLY, R.J., cand. st. tehn.; ANTONESCU, I., ing.; PERLEA, V., ing.;  
PANAITESCU, E., geolog

Behavior of irrigation canals on loessal soils. Meteorologia  
hidrol gosp 7 no.2:139-146 '62.

BALLY, R. J., cand. st. tehn.; ANTONESCU, I., ing.; PERLEA, V., ing.

Determinant condition for the occurrence of settling through  
moistening of loess soils. Hidrotehnica 7 no.12:444-446  
D '62.

ANTONESCU, I., ing.

. Application of the welding method on the metallic superstructure of railroads. Rev caiilor fer 11 no.8:427-432 Ag '63.

1. Directia Intretinerii caii.

ALLA, N. J., candidat in stiinte tehnice;  
ANTONESCU, I., ing.; PERLEA, V., ing., cercetator;

behavior of an irrigation system tested on loess.  
Studii geotehn fund constr hidro 6 45-78 '63

ANTONESCU, I., ing.

"Land humidity and present methods of determining it" by  
A.K.Larionov, V.M.Alekseev [Aleksyev, V.M.], G.A.Lipson.  
Reviewed by I. Antonescu. Hidrotehnica 8 no.7:272-273 J1'63.

ANTONESCU, I., ing.

Conference of Earth Mechanics and Foundations, September  
24-27, 1963, Budapest. Hidroteh apele meteor 9 no. 3:  
148-150 Nr '64.

*ANTONESKII, I.*

PHASE I BOOK EXPLOITATION

SOV/5975

International Institute of Welding

XII kongress Mezhdunarodnogo Instituta svarki, 29 iyunya - 5 iyulya 1959 v g.  
Opatii (Twelfth Annual Assembly of the International Institute of Welding,  
Opatija, June 29 - July 5, 1959) Moscow, Mashgiz, 1961. 350 p. 3000  
copies printed.

Sponsoring Agency: Natsional'nyy komitet SSSR po svarke.

Ed. (Title page): G. A. Maslov, Docent; Translated from English, French,  
and Sorbo-Croatian by N. S. Aborenkova, K. N. Belyayev, E. P. Bogacheva,  
L. A. Borisova, K. V. Zvegintseva, V. S. Minavichev, and M. M. Shelechnik;  
Managing Ed. for Literature on the Hot-Working of Metals: S. Ya. Golovin,  
Engineer.

PURPOSE: This collection of articles is intended for welding specialists and  
the technical personnel of various production and repair shops.

Card 1/0

Twelfth Annual Assembly (Cont.)

447,5975

**COVERAGE:** The collection contains abridged reports presented and discussed at the Twelfth Annual Assembly of the International Institute of Welding. Reports deal with problems of welding and related processes used in repair work, repair techniques, and the problems arising in connection with the nature of the base and filler materials. Examples of repairing various parts are given, and the organization of repair operations in workshops and under field conditions is discussed. Economic aspects of welding and related processes as used in repair work are analyzed. No personalities are mentioned. There are no references.

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Myuntser, I. (Czechoslovakia). Welding of Broken Crankshafts

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Twelfth Annual Assembly (Cont.)

SOV/5975

Khel'bich, R. (Czechoslovakia). Repairing High-Pressure Reactors and Regenerators by Welding

297

Mokanu, R., I. Antonesku, and K. Freud (Rumania). Examples of Welding Jobs Involved in the Repair Work at Rumanian Railroads

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[Part IV contains no Soviet or Soviet-bloc reports]

PART V. ECONOMIC ASPECTS OF USING WELDING AND RELATED PROCESSES IN REPAIR WORK

[Part V contains no Soviet or Soviet-bloc reports]

Card 6/9

ANTONESCU, I. P.; GOLISNIEB, N., cercetator principal;  
IONESCU, I.

Experiments with some waterproof coating types and some  
waterproofing methods for irrigation channels constructed  
on loess. Studii geotehn fund constr hidro 6 143-182 '63

1. Sef de laborator la Sectia lianti din Institutul de  
Proiectari si Cercetari Stiintifice pentru Constructii  
si Materiale de Constructii (for Ionescu).

ometry

ANTONESCU, N.

ANTONESCU, N. Technical design for the generator system of radiating steam boilers. p. 63.

Vol. 5, No. 1/2, Jan. June 1956.  
SUTII SI INFORMATIA IN INGINERIEA.  
TEHNICII  
Bucuresti, Romania

See: East European Accessions, Vol. 5, No. 5, May 1956

ANTONESCU, N.

TECHNOLOGY

Periodicals: STUDII SI CERCETARI DE ENERGETICA. Vol. 8, no. 1, 1958

ANTONESCU, N., and others. Thermal and hydrodynamic performance of the Vuia experimental boiler. p. 21

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

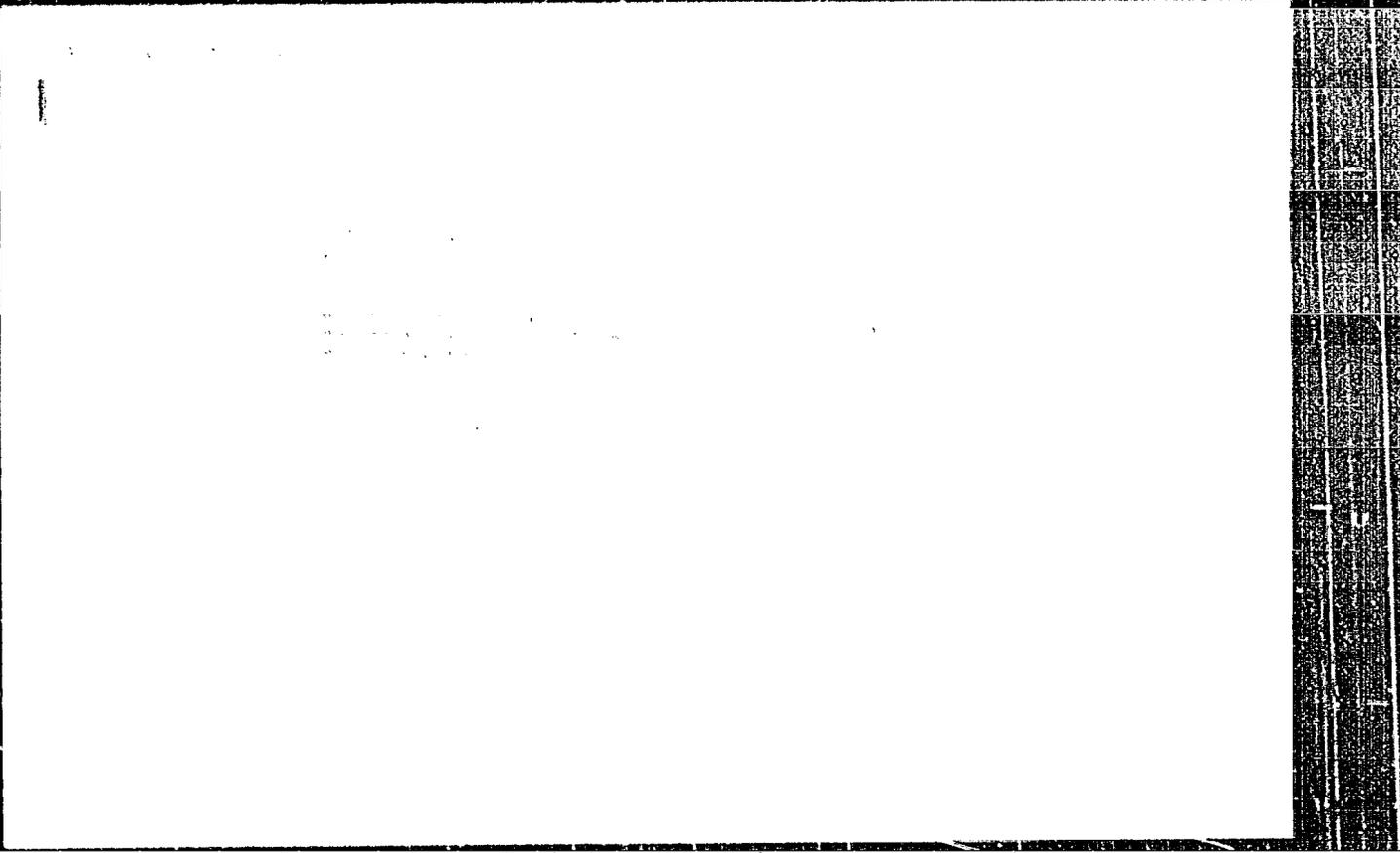
ANTONESCU, N. and others

TECHNOLOGY

PERIODICAL: STUDII SI CERCETARI DE ENERGETICA. Vol. 8, no. 4, 1958

ANTONESCU, N. and others. Characteristics of the functioning of Vela's boiler. p. 537.

Monthly List of East European Accessions (E&A) LC, Vol. 8, No 4  
April 1959, Unclass.



ANTONESCU, N.

The influence of iodated casein on albuminous fractions in the serum of rabbits inoculated with antityphoid paratyphoid vaccine.

P. 1389 (Academii Republicii Populare Romine. Comunicari. Vol. 6, no. 12, Dec. 1956  
Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

ANTONACHE, A., and others.

Thermal and hydrodynamic characteristics of the Vuia boiler. In French.  
p. 293.

REZUMÉ DE ELECTROTECHNICĂ ȘI DE ENERGIE. JURNAL DE ELECTROTEHNICĂ ȘI  
ENERGIE. (Academia Republicii Populare Române. Institutul de Energetică)  
București, Rumania  
Vol. 3, no. 2, 1958.

Monthly list of Eastern European Accession Index (EEAI) IC vol. 8, no. 11  
November 1959  
Encl.

ANTONESCU, N.

On the circulation systems of the Vuia boiler. p. 219.

Academia Republicii Populare Romine. Institutul de Energetica.  
STUDII SI CERCETARI DE EN ROETICA. Bucuresti, Rumina. Vol. 8,  
no. 2, 1958.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7,  
July 1959.

Uncl.

ANTONESCU, N.

Some considerations on the location of the auxiliary parts of a steam boiler. Rev electrotechn energet 5 no.1:141-155 '60. (EEAI 10:4)  
(Steam boilers)

~~ANTONESCU, M.~~ [Antonescu, N.]; KHAIDUK, K. [Haiduc, C.]; KOSTIA, L. [Costea, L.]

Some problems related to the study and construction of the Vuia one-ton industrial boiler. Rev electrotechn energet 5 no.1:167-178 '60.  
(EEAI 10:4)

(Rumania--Steam boilers)

ANTONESCU, N.; COSTEA, L.; HAIDUC, C.

Aspects of the functioning of the one-ton-per-hour Viua I.E. industrial boiler with liquid fuel. Rev electrotechn energet 5 no.2:483-491 '60.

(EEAI 10:5)

(Rumania--Steam boilers)

(Liquid fuels)

ANTONESCU, N.

The temperature of boiler firings for solid fuel at different combustion conditions. Rev electrotechn energet 6 no.1:113-124 '61.

(Steam boilers) (Fuel) (Combustion)

ANTONESCU, N.

Efficiency of the intermediate screens in the large radiation boilers  
with gaseous fuel. Studii cerc energet 11 no.3:447-453 '61.

ANTONESCU, N.; COSTEA, L.; ARIESANU, C.

Some aspects of the development of combustion process in turbulent current. Studii cerc energet B 12 no.2:163-176 '62.

S/124/63/000/003/013/065  
D234/D308

AUTHORS: Antonescu, N., Costea, L. and Ariesanu, C.

TITLE: Investigation of the process of burning in a tunnel burner of the vortex type

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1963, 45, abstract 3B239 (Studii și cercetări energ. Acad. RPR, 1962, v. B12, 163-176 (Rum.; summaries in Rus., Ger., Eng. and Fr.))

TEXT: The authors consider the data of an experimental study of the development of burning in an air tunnel burner of the vortex type with internal diameter 400 mm and length 750 mm. Liquid hydrocarbon fuel was used. Hydrodynamic characteristics of the regimes investigated (distribution of tangential velocities for a given flow rate) are compared with data obtained from the chemical analysis of the combustion products. /-Abstracter's note: Complete translation./

Card 1/1

ANTONESCU, N.

Considerations on the optimum size of intermediate screens in  
modern boilers with gas fuel. Energetica Rum 9 no.7:275-279  
J1 '61.

ANTONESCU, N., Ing.

Some aspects of the calculation and improvement of tubular  
furnace operation. Energetica Rom 11 no.10:504-509 0'63

ANTONKSCU, N.

Calculation of the combustion process and combustion velocity in  
tunnel furnaces. Rev elektrotekh energet 9 no.1:73-81 '64

~~ANTONOV~~, N. (Antonov, N.)

Combustion characteristic in tunnel combustion chambers with  
helical stabilizers. Rev electrotechn energet 9 no. 2:213-236  
'64.

VAISLER, L.; ANTONESCU, Claudia; COSTINER, Emma; ANTONESCU, N.

Influence of vitamin B 12 on the biosynthesis of thyroid hormones.  
Stud. cercet. endocr. 13 no.2:211-215 '62.  
(THYROID GLAND hormones) (VITAMIN B 12 pharmacology)

DANILA-MUSTER, Aneta; SIMIONESCU, Ligia; ANTONESCU, M. (deceased)

The participation of the somatropic hormone in the appearance  
of uterine fibromas. Stud cercet. endocr. 14 no.3:  
389-393 '63.

(SOMATOTROPIN) (UTERINE NEOPLASMS) (LEIOMYOMA)

STANICA, Ecaterina, dr.; STOIAN, Cecilia, biolog.; CALALB, Gh., dr.;  
In colaborare cu: POPESCU, P., dr.; ANTONESCU, Odile, dr.;  
EDUARD, Hilde, dr.; GARTNER, Magda, dr.

Some considerations on the Schick test. Microbiologia (Bucur)  
8 no.4:377-381 J1-Ag '63.

1. Institutul "Dr. I. Cantacuzino" (for Stanica, Stoian, Calalb).
2. Inspectia de Stat pentru Igiena si Protectia Muncii, regiunea Bucuresti (for Popescu, Antonescu, Eduard).
3. Laboratorul central pentru controlul de stat al serurilor si vaccinurilor (for Gartner).

(DIPHThERIA) (IMMUNOLOGY) (DIPHThERIA TOXIN)

MANOLESCU, N.I.; ERCEANU, I.; ANTONESCU, P.

Range of applicability of the methods of kinematic investigation of plane hinged mechanisms. Studii cerc meo apl 13 no.6:1483-1539 '62.

1. Institutul politehnic, Bucuresti (for Antonescu).

MANOLESCU, N.I.; ERCEANU, I.; ANTONESCU, P.

Kinematic methods for studying plane hinged mechanisms. Pt.1.  
Rev meo appl 8 no.51817-858163.

1. Technische Hochschule Bukarest (for Antonescu).

GAVAT, I.; BUCUR, Ivghenia; DINULESCU, Mioara; ANTONESCU, P.

Some anticorrosive protections obtained from sulfochlorinated polyethylene. Rev chimie Min petr 15 no.2:101-106 F '64.

MANOLIESCU, N. I.; ANTONESCU, P.

Mechanisms for marking ellipses with constant velocity. Bul Inst  
Politeh 26 no.3:61-79 My-Je '64.

1. Chair of the Theory of Mechanisms, Polytechnic Institute,  
Bucharest.

Category: : Chemical Technology, Chemical Products and Their Applications--Industrial organic synthesis  
Abs. Jour. : Referat Zhur--Khim., No 11, 1958, 39566  
Author : Nicolescu, I. V., Vasilescu, P., Angelescu, E., and  
Institut. : Antonescu, P.  
Title : C. J. Parhon University  
Unsaturated Fatty Acids from Fatty Acids Obtained by  
the Oxidation of Paraffins  
Orig. Pub. : An Univ 'C. J. Parhon', Ser Stiint Natur, No 18, 57-  
62 (1958)

Abstract : The authors have investigated the production of un-  
saturated fatty acids by the chlorination of fatty  
acids obtained by the oxidation of paraffin, followed  
by dehydrochlorination of the chloro-substituted ac-  
ids obtained. The starting materials used consist of  
liquid synthetic fatty acids with  $C_6-C_{12}$  (I), bp 93-  
180°/12mm,  $d_4^{20}$  0.9100,  $n_D^{20}$  1.4325, iodine number  
(IN) 7.0, average molecular weight (MW) 166, and of  
solid synthetic fatty acids with  $C_{12}-C_{20}$  (II), bp  
225-275°/35 mm, IN 5, MW 256, saponification number  
240. The chlorination procedure developed for  
stearic acid can be carried out both in  $CCl_4$  solution

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H-63

MANOLESCU, N.I.; ERCEANU, I.; ANTONESCU, P.

Kinematic research methods on bar mechanisms. Pt. 2. Rev mec  
appl 9 no. 2:341-363 '64.

1. Technical University, Bucharest.



ANTONESCU, Sabin

Aspects of the development of Romanian economy during the 1944-1964 period. Bil Inst Politich 26 no.4.12-23 37-47 '64.

1. Chair of Political Economy, Polytechnic Institute, Bucharest.

LONGHIN, Sc.; ANTONESCU, St.; ZELICOV, S.

The nervous mechanism of histotherapy through implants in certain pruriginous dermatoses. Rumanian M. Rev. 1 no.2:71-73 Apr-June 57.  
Rumanian M. Rev. 1 no.2:71-73 Apr-June 57.

(SKIN DISEASES, ther.

tissue ther. in pruriginous skin dis., nerve mechanisms)

(TISSUE THERAPY, in various dis.

pruriginous skin dis., nerve mechanisms)

(NERVOUS SYSTEM, physiol.

in pruriginous skin dis., eff. of tissue ther.)

LONGHIN, S.: TIGODOSIU, T.: ANTOIESCU, S.

Diagnostic & therapeutic value of the glucidolipidic extract from  
yeast cells. Romanian M. Rev. 1 no.4:69-74 Oct-Dec 57.

(MONILLA ALBICANS, extracts  
glucidolipidic extract, diag. & ther. value)

ANATOMIA MEDICA Soc 13 Vol. 11/10 Dermatology Oct 57

2337. LONGHIN S. and ANTONESCU St. •Probleme actuale in serodiagnostical  
sifilisului. Present problems in the serological diagnosis of  
syphilis DERM.-VENEREOL. (Bucuresti) 1957, 2/2 (126-139) Graphs 6  
After analysing the value of the classical serological methods which are used in this  
country for the detection and diagnosis of syphilis, an ample description of the modern  
serological methods is given. In the first place, the authors point out the advantages of  
the cardio-lipidic antigen and the improvements undergone by the classical serological  
test during the past few years. The problem is discussed of the quantitative serological  
reactions, the way in which they help in studying the passive transgression of reagins  
from the syphilitic mother onto the foetus, as well as the response to treatment in indi-  
viduals subjected to rapid cures. The principles, indications, advantages and disad-  
vantages of the serological tests which use Treponema pallidum as an antigen, either  
alive (TPI), or killed (TPA and TPIA), or its extracts (TPOF) are further related in  
detail. On this occasion, the problem of the false positive biological reactions is also  
discussed. The paper closes by indicating the stage reached by the authors' investiga-  
tions into the practice of the treponemic tests, and the organizational measures which  
they suggest with a view to improving the serological diagnosis of syphilis in the RPR;  
standardization of the working-techniques, the use of cardioliipidic antigen, and the  
creation of a central laboratory of serology, designed to check the results of the labo-  
ratories in the country by means of the new treponemic tests. (XIII, 4)

RUMBLE/Nuclear Physics - Cosmic Rays. C

Abs Jour : Ref Zhur Fizika, No 1, 1960, 587

Author : Mageru, V., Blamaru, D., Antonescu, V., Neaga, V.  
Inst : -  
Title : The Problem of the Second Maximum in the Transition  
Curve of Cosmic Radiation (Preliminary Data).

Orig Pub : Studii si cercetari stiint. Acad. RFR Fil. Iasi, Fiz,  
si stiinte tehn., 1957, 8, No 2, 197-200

Abstract : No abstract.

Card 1/1

- 27 -

ROMANIA

ANTONESCO, St., Colonel, Medical Corps, Dr. in Medical Sciences

"Considerations on the Laboratory Diagnosis of Candida Infections"

Bucharest, Revista Sanitara Militara, Vol. 62, No. 3, May-June 1966;  
pp 551-562

Abstract: Very detailed review of diagnostic technics including immunologic ones, culture, species identification, of moniliasis. Study of intradermal reactions to a "glucido-lipid-polypeptide" Candida antigen by 100 patients with various types of Candida infections showed interesting results as illustrated, but technic can be considered only an adjunct in diagnosis, together with other tests. Diagram, 2 graphs, 6 Soviet, 6 Rumanian, 21 Western references. Manuscript received 18 August 1965.

1/1

STEFANESCU, D.; TUCHEL, N.; NECULA, Lucia; ANTONESCU, Vasilica; LENHARDT, E.

Contributions to the study of the stability of PAS sodium injectable solutions, Rumanian M Rev, no.3:80-83 '61.  
(PARA-AMINOSALICYLIC ACID chemistry) (CHEMISTRY, PHARMACEUTICAL)

I  
ANTONESCU, V.; NEAGA, V.

Construction of a device for the automatic recording of electric conductivity of the air. p. 339.

STUDII SI CERCETARI DE FIZICA. (Academia Republicii Populare Romine. Institutul de Fizica.) Bucuresti, Rmania. Vol. 9, no. 3, 1968.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959.

Uncl.

ANTONESCU, V.; CALINICENCO, N.; NECHITA, O.; ONU, C.; RUSU, Gh. Ilie; TOMOZEI, Cl.; TIBU, M.; VESCAN, T. T., prof.; VISCRIAN, I.

Radioactivity of the mining region Rodna Veche-Valea Vinului. Studii fis tehn Iasi 12 no.1:31-33 '61.

1. Membru al Comitetului de redactie si redactor responsabil adjunct,  
"Studii si cercetari stiintifice, Fizica si stiinta tehnice" (for Vescan)

S/169/62/000/012/032/095  
D228/D307

**AUTHORS:** Antonescu, V., Calinicenco, N., Nechita, O., Onu, C.,  
~~Rusu, Gh. Ilic~~, Tomozei, Cl., Tibu, M., Vescan, T.T.  
and Viscrian, I.

**TITLE:** Investigation of the radioactivity of some rocks  
around the mines of Rodna Veche-Valea Vinului

**PERIODICAL:** Referativnyy zhurnal, Geofizika, no. 12, 1962, 46-47,  
abstract 12.378 (Studii și cercetări științ. Acad.  
RPR Fil. Iași, Fiz. și științe tehn., 12, no. 1,  
1961, 31-33 (Rum.; summaries in Rus. and Eng.))

**TEXT:** The authors investigated the radioactivity of chlor-  
ite-schist, andesite, and sericite-schist samples from the area of  
the old mines of Rodna Veche-Valea Vinului in the Rodna Massif  
(Rumanian People's Republic). The results of measuring the radio-  
activity of samples show that the ratio of the number of readings  
per second in the presence of 1 mm Al to the number of readings  
without Al varies from 0.1 to 0.30 when the activity ranges from

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Investigation of the radioactivity ...

S/169/62/000/012/032/095  
D228/D307

0.16 to 0.91  $\mu$ c. The analytical data for these rocks coincide with the data pertaining to rocks from the Jaia Borca area.

[Abstracter's note: Complete translation]

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S/137/62/000/012/037/085  
A006/A101

AUTHORS: Buzdugan, Gheorghe, Craiăţenoi, Dlenisie, Antononcu, Veronel,  
Pank, Toma, Postelnicu, Vasiliu

TITLE: The effect of notches at high temperatures

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 12, 1962, 61 - 62,  
abstract 121368 ("Pol. Inst. politekhn. Bucureşti", 1961,  
v. 23, no. 3, 101 - 113, German; summaries in Russian,  
English and French)

TEXT: The effect of notches and stress concentrators upon  $\sigma_b$  at elevated temperatures was investigated on O150, O1C45 and O1C 60 steel grades, corresponding to Soviet steels 5,45 and 60. The radius of stress concentrators on tensile specimens was 0.8; 1.6; 3.2; 4.8, and 6.4 mm and the ratio of the radius to the specimen diameter in the concentrator spot was  $r/d = 0.1; 0.2; 0.4; 0.6, \text{ and } 0.8$ . The specimens were tested at  $20^\circ\text{C}$  and at  $150 - 500^\circ\text{C}$  every  $50^\circ$ . It was established for O150 steel that  $\sigma_b$  increased initially with higher temperature, attaining maximum values at  $200^\circ\text{C}$  and decreasing rapidly at  $> 300^\circ\text{C}$ . For O1C45 and O1C 60 steels,  $\sigma_b$  decreased initially with elevated temperatures and then increased,  
Card 1/2

TUCHEL, N.; ANTONESCU, Vasilica; GHEORGHE, Virginia; STEFANESCU, Felicia

Contributions to the study of drug stability. I. Stability of  
acetylsalicylic acid in solutions and suspensions. Rumanian med.  
rev. no.2:90-94 '62.

(ACETYLSALICYCLIC ACID)

ROMANIA/Laboratory Equipment. Instrumentation.

F

Abstr Jour: Ref Zhur-Khim., No 8, 1959, 87206.

Author : Neaga, V. G. and Antonescu, V. I.

Inst : Iasi University.

Title : A New Method for Vacuum Measurements: The Electroacoustic Vacuum Meter.

Orig Pub: An Stiint Univ Iasi, Sec I, 3, No 1-2, 281-286 (1957)  
(in Rumanian with summaries in French and Russian)

Abstract: The authors describe a method and apparatus for the measurement of pressures in the range 5-750 mm Hg, based on the reduction in sound pressure accompanying a reduction in the gas pressure. The transducer for the manometer consists of a glass bulb containing a piezoelectric [crystal] microphone and an audio frequency (50 cycles)

Card : 1/2

RUMANIA/Electronics - Vacuum Technique.

H

Abs Jour : Ref Zhur Fizika, No 12, 1959, 27947  
Author : Neaga, V.G., Antonescu, V.I.  
Inst : -  
Title : Electroacoustic Method of Measuring Vacuum  
Orig Pub : Studii si cercetari fiz. Acad. RFR, 1958, 9, No 3,  
391-395

Abstract : Description of an electroacoustic vacuum meter for the measurements of pressures ranging from 5 to 760 mm mercury. Within the measuring volume, a membrane is used to excite acoustic vibrations, which are registered by a piezoelectric microphone. The electric diagram of the instrument is given. From the fundamental equations of acoustics, a formula is derived for the calibration curve, which agrees with experiment within 2 or 3%. To proceed to measurement of lower pressures, a frequency of 2,000 cycles is

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